

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1	"6245299".pn.	US-PGPUB; USPAT	OR	ON	2006/06/10 13:15
L4	318	156/345.29.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/10 13:16
L5	277	4 and @ad<"20040331"	US-PGPUB; USPAT	OR	ON	2006/06/10 13:51
L6	1	5 and (reference adj gas)	US-PGPUB; USPAT	OR	ON	2006/06/10 13:53
L7	21	(h01l021/\$.ipc. or c23c016/\$.ipc.) and (reference adj gas)	EPO; JPO; DERWENT	OR	ON	2006/06/10 14:01
L9	1	118/712.ccls. and (reference adj gas)	US-PGPUB; USPAT	OR	ON	2006/06/10 14:01
L10	1	118/712.ccls. and (reference adj gas)	US-PGPUB; USPAT	OR	ON	2006/06/10 14:02
S2	1	"5879574".pn.	US-PGPUB; USPAT	OR	ON	2006/06/09 12:30
S3	1	"5986747".pn.	US-PGPUB; USPAT	OR	ON	2005/02/28 17:20
S4	0	"5326457"	JPO	OR	ON	2005/02/28 17:20
S5	1	"5326457"	JPO; DERWENT	OR	ON	2005/02/28 17:21
S6	2	"05326457"	JPO; DERWENT	OR	ON	2005/02/28 17:21
S7	3	"6617256"	US-PGPUB; USPAT	OR	ON	2005/03/01 15:06
S8	3	"6628397"	US-PGPUB; USPAT	OR	ON	2005/03/01 15:07
S9	118	"5872633"	US-PGPUB; USPAT	OR	ON	2005/03/01 15:07
S10	1	"5872633".pn.	US-PGPUB; USPAT	OR	ON	2005/03/01 17:52
S13	18	"5879574"	US-PGPUB; USPAT	OR	ON	2005/03/02 11:01
S14	1	"5879574".pn.	US-PGPUB; USPAT	OR	ON	2005/03/02 11:02
S15	1	"5879574".pn.	US-PGPUB; USPAT	OR	ON	2005/03/02 11:02
S16	1	"5879574".pn.	US-PGPUB; USPAT	OR	ON	2005/03/02 11:02
S17	5	((("6592817") or ("6686594") or ("6538734") or ("6878214") or ("6366346"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/19 12:50

## EAST Search History

S18	1	"20050221617"	US-PGPUB; USPAT	OR	ON	2006/05/30 16:10
S19	8	(US-6366346-\$ or US-6538734-\$ or US-6592817-\$ or US-6686594-\$ or US-6878214-\$ or US-6813026-\$ or US-5986747-\$ or US-5879574-\$).did.	USPAT	OR	ON	2006/05/30 18:09
S20	2	S19 and probe	US-PGPUB; USPAT	OR	ON	2006/05/30 18:32
S21	1	S19 and ((reference adj gas) or actinometry)	US-PGPUB; USPAT	OR	ON	2006/05/30 18:33
S22	24	("20020093652"   "4147431"   "4609426"   "4847792"   "4859277"   "5273610"   "5326975"   "5372783"   "5546322"   "5671045"   "5777735"   "5857890"   "5877032"   "5949193"   "5963336"   "5986747"   "6045618"   "6046796"   "6068783"   "6075609"   "6120734"   "6134005"   "6381022"). PN. OR ("6538734").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/30 18:42
S23	5	((reference adj gas) or actinometry) and exhaust and plasma	EPO; JPO; DERWENT	OR	ON	2006/05/31 08:48
S24	220	((reference adj gas) or actinometry) and exhaust and plasma	US-PGPUB; USPAT	OR	ON	2006/05/31 08:48
S25	23	((reference adj gas) or actinometry) and exhaust and plasma and probe	US-PGPUB; USPAT	OR	ON	2006/05/31 09:07
S26	21	S25 and @ad<"20040331"	US-PGPUB; USPAT	OR	ON	2006/05/31 09:38
S27	15	actinometry and plasma and (langmuir adj probe)	US-PGPUB; USPAT	OR	ON	2006/05/31 09:17
S28	34	(neal near2 rueger).in.	US-PGPUB; USPAT	OR	ON	2006/05/31 09:34
S29	163	156/345.25.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/31 09:36
S30	152	S29 and plasma	US-PGPUB; USPAT	OR	ON	2006/05/31 09:36
S31	145	S30 and @ad<"20040331"	US-PGPUB; USPAT	OR	ON	2006/05/31 10:17
S32	50	S31 and exhaust	US-PGPUB; USPAT	OR	ON	2006/05/31 10:10

## EAST Search History

S33	15	(US-20020093652-\$ or US-20030063284-\$).did. or (US-6878214-\$ or US-6813026-\$ or US-6686594-\$ or US-6592817-\$ or US-6538734-\$ or US-6366346-\$ or US-5986747-\$ or US-5879574-\$ or US-5963336-\$ or US-6885452-\$ or US-6493086-\$ or US-6154284-\$).did. or (JP-04122833-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/31 10:14
S34	0	S33 and (langmuir adj probe)	US-PGPUB; USPAT	OR	ON	2006/05/31 10:15
S35	7	S33 and probe	US-PGPUB; USPAT	OR	ON	2006/05/31 10:16
S36	90	plasma and exhaust and (langmuir adj probe)	US-PGPUB; USPAT	OR	ON	2006/05/31 10:17
S37	79	S36 and @ad<"20040331"	US-PGPUB; USPAT	OR	ON	2006/05/31 10:28
S38	1	"6538734".pn.	US-PGPUB; USPAT	OR	ON	2006/05/31 10:29
S39	24	("20020093652"   "4147431"   "4609426"   "4847792"   "4859277"   "5273610"   "5326975"   "5372783"   "5546322"   "5671045"   "5777735"   "5857890"   "5877032"   "5949193"   "5963336"   "5986747"   "6045618"   "6046796"   "6068783"   "6075609"   "6120734"   "6134005"   "6381022"). PN. OR ("6538734").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/31 10:37
S40	3	S39 and (reference near gas)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/31 10:38
S41	3	gas near actinomet\$3	US-PGPUB; USPAT	OR	ON	2006/06/03 18:34
S42	406	langmuir near probe	US-PGPUB; USPAT	OR	ON	2006/06/03 18:47
S43	400	(langmuir near probe) and plasma	US-PGPUB; USPAT	OR	ON	2006/06/03 18:48
S44	374	(langmuir near probe) and plasma and (measur\$4 or detect\$4)	US-PGPUB; USPAT	OR	ON	2006/06/03 19:03
S45	285	(langmuir near probe) same (measur\$4 or detect\$4)	US-PGPUB; USPAT	OR	ON	2006/06/05 09:00
S46	22	(langmuir near probe) same (measur\$4 or detect\$4)	EPO; JPO; DERWENT	OR	ON	2006/06/05 10:57
S47	15	(langmuir near probe) and actinomet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/05 10:06

## EAST Search History

S48	292	(langmuir near probe) same (measur\$4 or detect\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 11:16
S49	15	S48 and actinometry	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 10:58
S50	0	(langmuir near probe) and ((measur\$4 or detect\$4 or determine) near gas)	EPO; JPO; DERWENT	OR	ON	2006/06/05 13:55
S51	2	(langmuir near probe) and ((measur\$4 or detect\$4 or determine) near7 gas)	EPO; JPO; DERWENT	OR	ON	2006/06/05 11:19
S52	1	"6245299".pn.	US-PGPUB; USPAT	OR	ON	2006/06/05 11:19
S53	24	(langmuir near probe) and ((measur\$4 or detect\$4 or determine) near gas)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 11:38
S54	5	(langmuir near probe) same ((measur\$4 or detect\$4 or determine) near gas)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 13:55
S55	1	"6538734".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 13:24
S56	0	(langmuir near probe) and exhaust	EPO; JPO; DERWENT	OR	ON	2006/06/05 13:55
S57	2	(langmuir near probe) same ((measur\$4 or detect\$4 or determine) near gas) and exhaust	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 13:56
S58	1	"6193802".pn.	US-PGPUB; USPAT	OR	ON	2006/06/09 12:30